

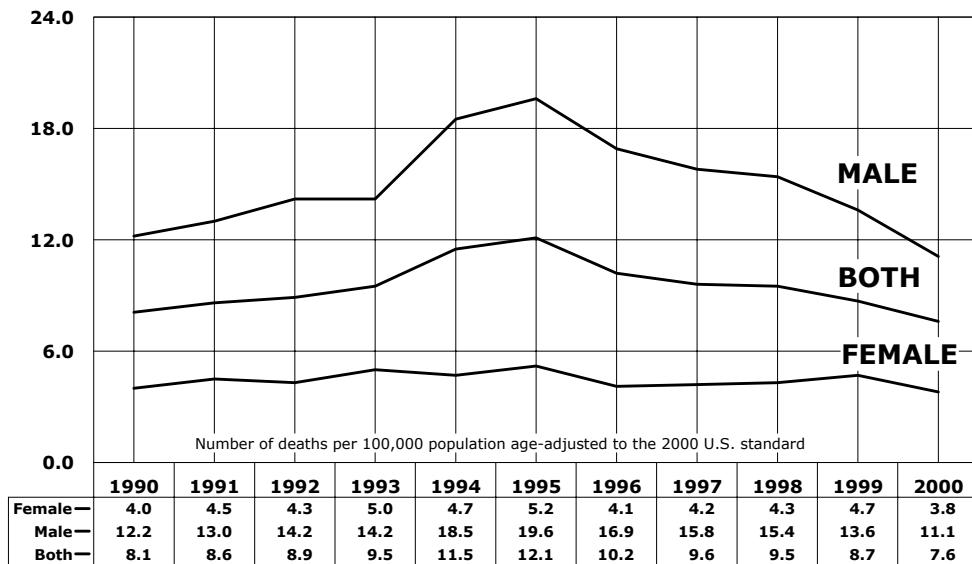
ASSAULT (HOMICIDE)

4



ASSAULT (HOMICIDE)

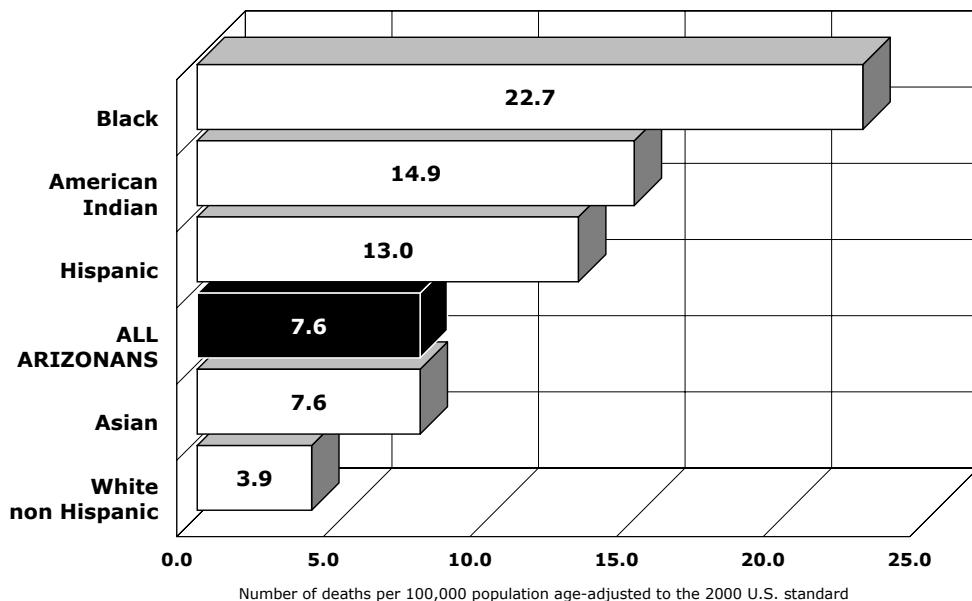
Figure 4-1
Age-Adjusted Mortality Rates for Assault (Homicide)
by Gender and Year, Arizona, 1990-2000



Arizona experienced five consecutive annual increases in homicide mortality from 1990 to 1995 (**Figure 4-1**). From 1995 to 2000, the homicide mortality declined by 39.2 percent to a rate of 7.6/100,000. The change from ICD-9 to ICD-10 did not substantially affect mortality patterns for homicide.

The homicide death rate among Arizona females decreased from 4.7/100,000 in 1999 to 3.8/100,000 in 2000. The homicide death rate among Arizona males declined from 13.6 in 1999 to 11.1 in 2000.

Figure 4-2
Age-Adjusted Mortality Rates for Assault (Homicide)
by Race/Ethnic Group, Arizona, 2000

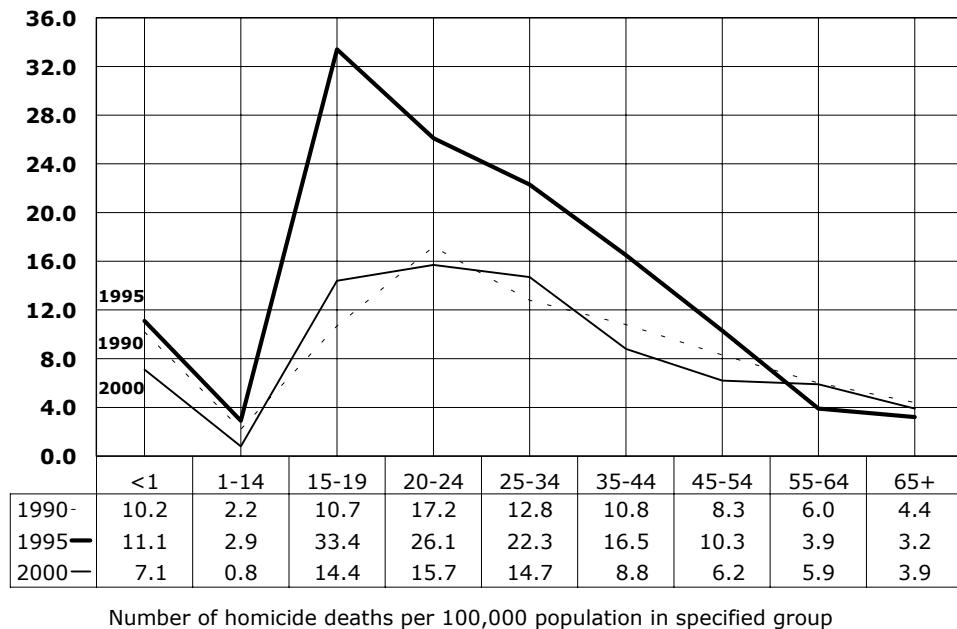


The 2000 homicide rates were substantially higher among Black, American Indian and Hispanic residents of the state compared to homicide rates among White non-Hispanics and Asians. Blacks were 5.7 times more likely, while American Indians 4.6 times and Hispanics 3.7 times more likely to die from assault than White non-Hispanics (**Figure 4-2**).

ASSAULT (HOMICIDE)

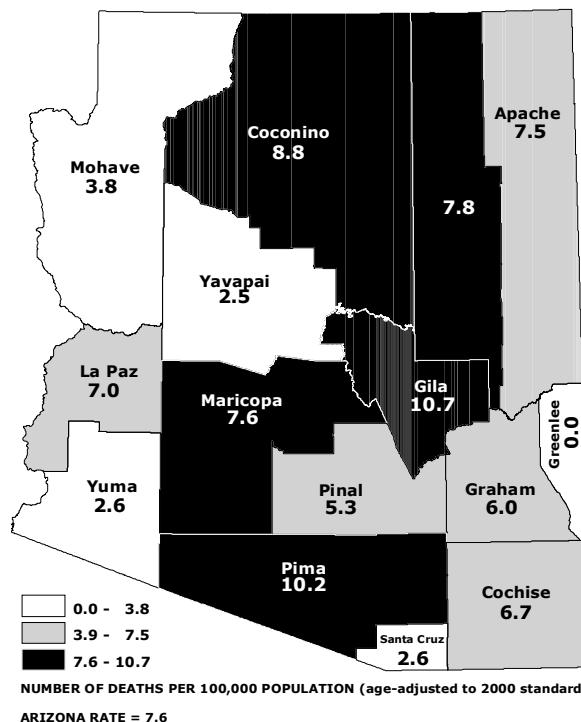
The 1995 homicide death rate of 12.1/100,000 exceeded the 1990 rate by 49.4 percent. The number of Arizonans who were murdered increased from 302 in 1990 to 530 in 1995 (**Table 4-1**). The 1995 homicide rates were particularly high among adolescents 15-19 years old and Arizonans aged 20-54 (**Figure 4-3**).

Figure 4-3
Mortality Rates for Assault (Homicide) by Age Group for Selected Years, Arizona, 1990, 1995, and 2000



The age-adjusted homicide mortality rates varied in Arizona in 2000 from zero (no fatalities) in Greenlee County to 10.2/100,000 in Pima and 10.7/100,000 in Gila County (**Figure 4-4**).

Figure 4-4
Age-Adjusted Mortality Rates for Assault (Homicide) By County of Residence, Arizona, 2000



ASSAULT (HOMICIDE) DATA TABLES

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TABLE 4-1
NUMBER OF HOMICIDE DEATHS BY MEANS OF ASSAULT AND YEAR, ARIZONA, 1990-2000

	Total, 1990-2000	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Assault by bodily force	19	2	2	1	0	0	5	0	1	1	1	6
Neglect, abandonment, maltreatment	63	3	2	7	4	9	10	9	5	5	5	4
Assault by drugs, chemicals and noxious substances	11	0	1	0	2	0	3	1	2	1	1	0
Assault by blunt object	4	0	0	0	1	0	0	0	0	0	1	2
Assault by firearms	3131	180	212	238	247	349	383	320	310	318	303	271
Assault by explosives	6	0	1	0	0	1	1	2	1	0	0	0
Assault by drowning and submersion	5	0	0	1	1	1	0	0	0	1	0	1
Assault by hanging, strangulation, suffocation	176	23	15	15	11	17	24	16	15	19	12	9
Assault by sharp object	582	48	52	41	71	49	56	68	48	39	57	53
Assault by fire, flames, smoke	18	1	0	4	1	3	3	0	0	3	1	2
Assault by other means	539	45	49	44	50	47	45	43	61	60	49	46
Total	4554	302	334	351	387	477	530	459	443	447	430	394

TABLE 4-2
NUMBER OF HOMICIDE DEATHS BY GENDER, AGE GROUP AND YEAR,
ARIZONA, 1990-2000

Total, all groups	Total	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Age group <1		302	334	351	387	477	530	459	443	447	430	394
1-14	16	9	25	23	22	26	26	13	24	11	9	6
15-19	28	50	50	61	72	89	72	56	55	51	51	53
20-44	181	204	200	238	292	324	279	290	299	273	234	
45-64	45	43	50	36	53	58	59	56	48	66	65	
65+	21	22	12	23	27	19	17	21	13	21	21	26
Unknown	4	0	3	2	4	6	2	1	4	2	1	
Total	226	248	268	286	378	417	368	352	348	315	295	
Age group <1	2	2	5	1	4	4	3	4	4	3	4	
1-14	11	2	19	14	11	18	13	8	14	5	6	
15-19	24	41	44	49	62	77	65	46	42	42	43	
20-44	140	159	159	183	240	262	233	236	238	208	193	
45-64	34	28	33	23	41	43	45	46	38	41	39	
65+	12	16	6	14	17	9	7	11	9	14	9	
Unknown	3	0	2	2	3	4	2	1	3	2	1	
Total	76	86	83	101	99	113	91	91	99	115	99	
Age group <1	5	4	6	3	3	4	1	2	0	3	2	
1-14	5	7	6	9	11	8	13	5	10	6	3	
15-19	4	9	6	12	10	12	7	10	13	9	10	
20-44	41	45	41	55	52	62	46	54	61	65	41	
45-64	11	15	17	13	12	15	14	10	10	25	26	
65+	9	6	6	9	10	10	10	10	4	7	17	
Unknown	1	0	1	0	1	2	0	0	1	0	0	

TABLE 4-3
NUMBER OF HOMICIDE DEATHS BY RACE/ETHNICITY, GENDER AND YEAR,
ARIZONA, 1990-2000

		1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Total, all groups	Total	302	334	351	387	477	530	459	443	447	430	394
	Male	226	248	268	286	378	417	368	352	348	315	295
	Female	76	86	83	101	99	113	91	91	99	115	99
White non-Hispanic	Total	149	146	153	171	185	222	155	160	171	146	131
	Male	100	102	99	111	134	154	106	108	118	89	88
	Female	49	44	54	60	51	68	49	52	53	57	43
Hispanic	Total	77	96	120	127	155	191	187	184	169	184	180
	Male	68	74	105	106	133	166	168	167	142	158	144
	Female	9	22	15	21	22	25	19	17	27	26	36
Black	Total	36	29	34	43	82	60	49	46	48	43	38
	Male	30	26	26	35	67	51	40	42	41	31	31
	Female	6	3	8	8	15	9	9	4	7	12	7
American Indian	Total	34	50	39	42	52	52	66	46	52	49	36
	Male	25	36	35	32	41	42	52	31	42	32	29
	Female	9	14	4	10	11	10	14	15	10	17	7
Asian	Total	3	12	3	3	2	2	0	5	4	5	7
	Male	1	9	2	1	2	2	0	2	3	2	2
	Female	2	3	1	2	0	0	0	3	1	3	5
Other/Unknown	Total	3	1	2	1	1	3	2	2	3	3	2
	Male	2	1	1	1	1	2	2	2	2	3	1
	Female	1	0	1	0	0	1	0	0	1	0	1

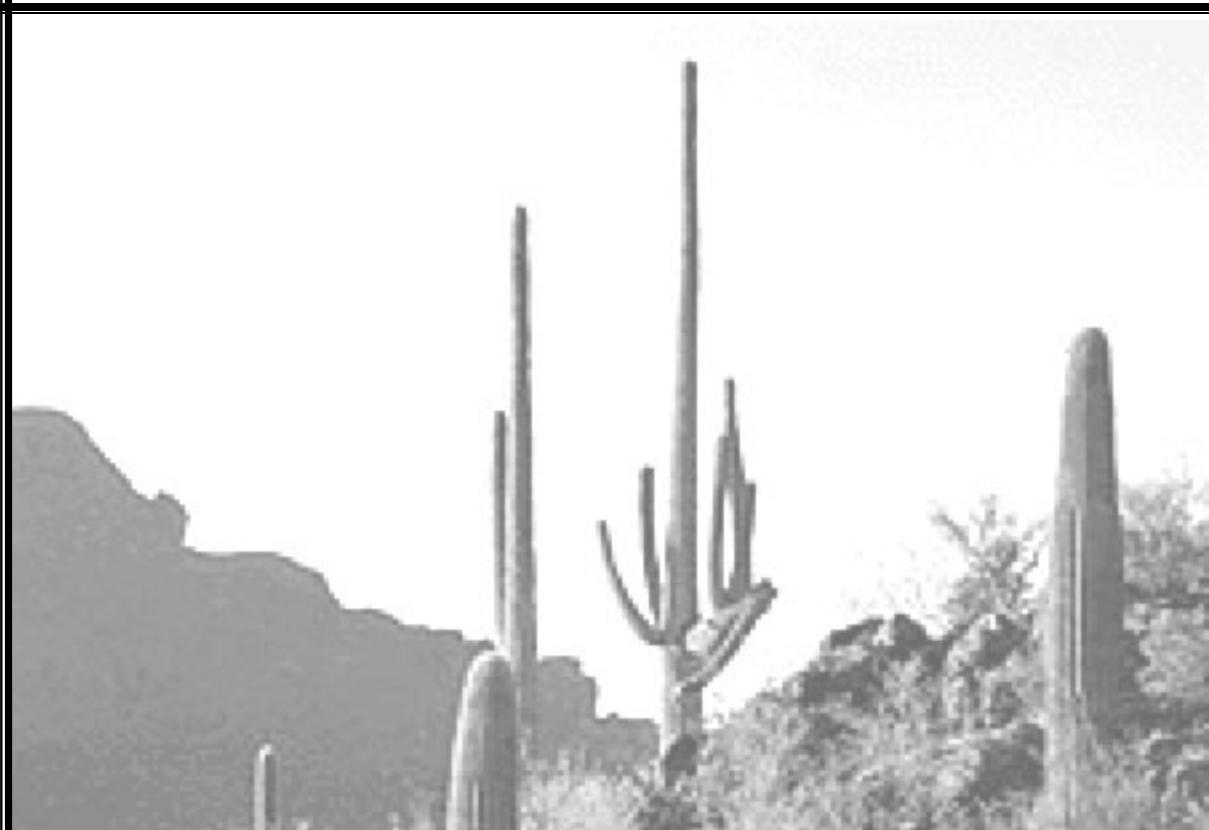
TABLE 4-4
NUMBER OF HOMICIDE DEATHS BY FIVE-YEAR AGE GROUPS AND YEAR,
ARIZONA, 1990-2000

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
<1	6	6	11	4	7	8	4	6	4	6	6
1-4	8	4	7	8	15	11	8	3	9	6	3
5-9	4	1	3	4	3	2	8	3	4	2	5
10-14	5	4	15	11	4	13	10	7	11	3	1
15-19	28	50	50	61	72	89	72	56	55	51	53
20-24	48	46	54	52	88	76	73	81	98	66	57
25-29	43	54	42	55	72	80	67	76	66	72	50
30-34	36	42	45	51	50	65	54	55	54	52	59
35-39	32	31	38	39	54	54	44	49	37	51	37
40-44	22	31	21	41	28	49	41	29	44	32	31
45-49	14	18	20	16	23	28	20	22	22	34	23
50-54	13	9	12	6	11	17	22	19	11	17	16
55-59	8	9	7	9	9	10	12	9	10	8	19
60-64	10	7	11	5	10	3	5	6	5	7	7
65-69	4	7	1	7	5	7	7	5	2	5	9
70-74	6	9	7	10	8	4	3	5	4	7	6
75-79	3	5	1	4	9	2	3	5	3	5	6
80-84	3	1	3	2	3	4	0	3	2	4	4
85-89	2	0	0	0	1	1	1	2	2	0	1
90-94	2	0	0	0	0	1	3	0	0	0	0
95-99	1	0	0	0	1	0	0	1	0	0	0
Unknown	4	0	3	2	4	6	2	1	4	2	1
Total	302	334	351	387	477	530	459	443	447	430	394

TABLE 4-5
NUMBER OF HOMICIDE DEATHS BY COUNTY OF RESIDENCE AND YEAR,
ARIZONA, 1990-2000

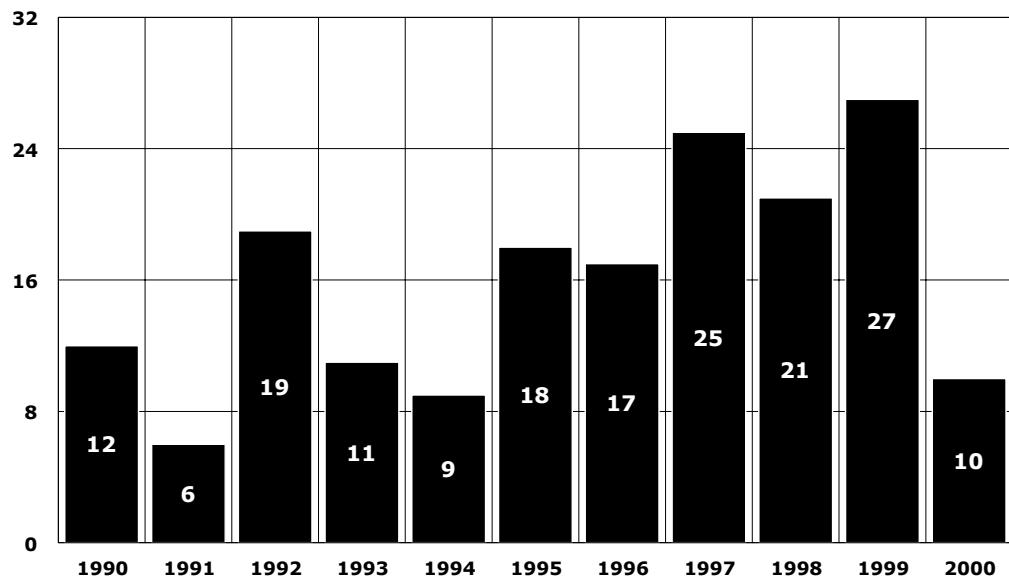
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Apache	14	18	8	10	7	11	25	15	12	7	5
Cochise	1	7	7	4	11	7	4	7	10	3	9
Coconino	4	2	8	4	10	11	5	6	10	12	9
Gila	3	4	3	5	3	5	6	4	2	3	4
Graham	1	0	0	0	1	2	1	2	1	4	2
Greenlee	0	1	2	0	0	0	2	0	0	1	0
Maricopa	183	208	209	222	299	336	262	275	270	282	242
Mohave	10	9	18	16	13	8	10	12	10	14	8
Navajo	6	5	2	15	9	9	11	9	12	6	7
Pima	49	43	58	67	59	95	78	65	69	61	87
Pinal	14	20	15	8	14	20	13	16	18	12	10
Santa Cruz	0	2	3	1	1	2	1	3	3	2	1
Yavapai	11	7	7	10	12	7	5	8	8	11	5
Yuma	3	6	5	8	12	6	2	6	5	7	4
La Paz	3	2	2	1	4	2	2	0	2	0	1
Unknown	0	0	4	16	22	9	32	15	15	5	0
Total	302	334	351	387	477	530	459	443	447	430	394

LEGAL INTERVENTION 5



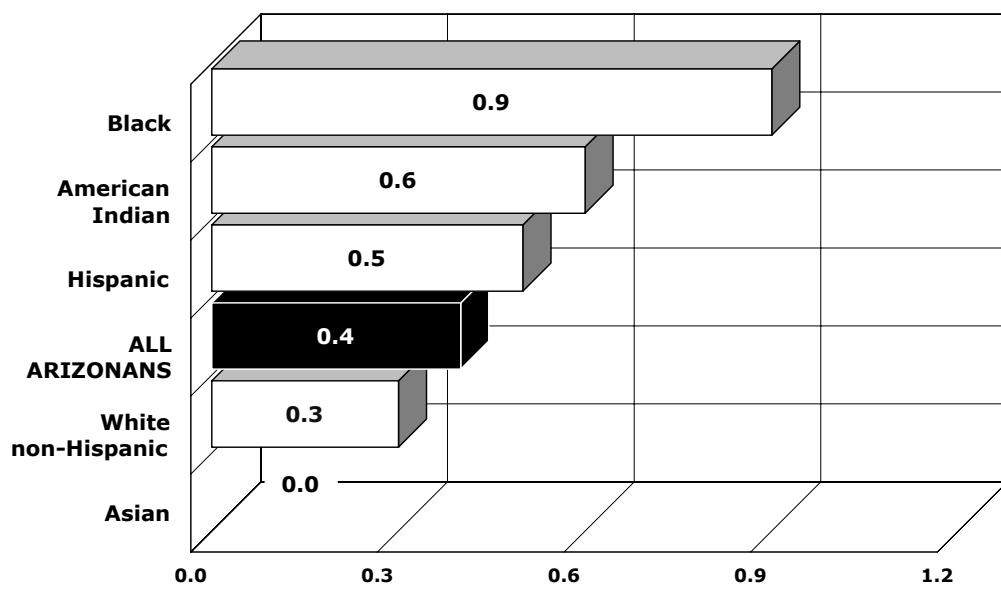
LEGAL INTERVENTION

Figure 5-1
Deaths due to Legal Intervention by Year,
Arizona, 1990-2000



The category "legal intervention" refers to injuries inflicted by the police or other law-enforcing agents in the course of arresting or attempting to arrest lawbreakers, suppressing disturbances, maintaining order, and other legal action (including legal execution). During 1990-2000, 175 deaths of Arizona residents were attributed to the category of legal intervention (**Figure 5-1**).

Figure 5-2
Average Annual Mortality Rates for Legal Intervention
by Race/Ethnic Group, Arizona, 1990-2000



Black residents of Arizona had the highest 1990-2000 rate of death due to legal intervention (**Figure 5-2**). American Indians had the second highest death rate for legal intervention, followed by Hispanics.

Number of deaths due to legal intervention per 100,000 population in specified group per year from 1990 to 2000

